

S/020/62/145/006/013/015
B106/B144

Determination of the vaporization ...

in the mass spectrum of B_2O_3 vapors. The dependence of the $B_2O_3^+$ ionization current on the temperature of the effusion chamber was determined to calculate ΔH_T . The resulting data were evaluated by the method of least squares: $\Delta H_T(B_2O_3)$ was calculated from: $\log(I \cdot T) = f(1/T)$. To check the apparatus, silver was vaporized in the same effusion chamber. The absolute values of the B_2O_3 vapor pressure were calculated by W. A. Chupka's and M.G. Inghram's methods (J. Phys. Chem., 59, 100 (1955); J. Chem. Phys., 23, 216 (1955)). The temperature dependence of the B_2O_3 vapor pressure, as determined experimentally, is $\log P_{at} = (7.44 \pm 0.16) - 84500/4.576 T$. The value of 84.5 ± 0.5 kcal/mole determined between 1315 and 1529^0K for $\Delta H_T(B_2O_3)$ is very reliable and can be used for thermodynamic calculations. There are 2 tables. The most important English-language references are: R. Speiser, S. Naiditch, H. L. Johnston, J. Am. Chem. Soc., 72, 2578 (1950); M. D. Scheer, J. Phys. Chem., 61, 1184 (1957); D. White, P. N. Walch et al., J. Phys. Chem., 65, 1404 (1961).

Card 2/3

Determination of the vaporization ...

s/020/62/145/006/013/015
B106/B144

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: April 23, 1962, by V. N. Kondrat'yev, Academician

SUBMITTED: April 5, 1962

Card 3/3

AKISHIN, P. A.

"Electron-diffraction investigations of inorganic molecules in the
gaseous phase."

Report presented at the 6th International Congress and Symposia,
International Union of Crystallography, Rome, Italy, 9-18 Sept.
1963.

VILKOV, L.V.; MASTRYUKOV, V.S.; AKISHIN, P.A.

Electron diffraction study of the structure of a decaborane
molecule in the vapor state. Zhur.strukt.khim. 4 no.3:323-326
(MIR 16:6)
My-Je '63.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Boron hydrides) (Electron diffraction examination)

L 18379-63 EPF(c)/EWP(q)/EWT(m)/BDS AFFTC/ASD Pr-4 WW/JD/JW
ACCESSION NR: AP3001224 S/0078/63/008/006/1520/1522

AUTHOR: Akishin, P. A.; Belousov, V. I.; Sidorov, L. N.

TITLE: Vapor pressure of zirconium tetrafluoride

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 6, 1963, 1520-1522

TOPIC TAGS: vapor pressure, zirconium tetrafluoride, mass spectrometry, heat of sublimation

ABSTRACT: Vapor pressure of ZrF_4 was measured by mass spectrometry. In the temperature interval 681-913K, 1g, $P = 13.5571 - 12430/T$. Value obtained for heat of sublimation agrees with that obtained by K. A. Sense, Snyder and Gilbert (J. phys. chem., 58, 995, 1954); also, Sense and Snyder, Glegg. (U.S. atomic energy comp. AECD-3708). However, vapor pressure value obtained was higher than that in above reference, and lower than that of S. Kantor, Newton, Crimes and Blackenship (J. phys. chem. 62, 96, 1958). Orig. art. has: 2 tables, 2 figures, 5 equations.

ASSOCIATION: none

DATE ACQ: 01Jul63

ENCL: 00

SUBMITTED: 26Sep62

NO REF SOV: 002

OTHER: 003

SUB CODE: 00

Card 1/1

AKISHIN, P. A.

"Electron-diffraction investigations of inorganic molecules in the gaseous phase."

report submitted for 6th Gen Assembly, Intl Union of Crystallography, Rome,
9 Sep 63.

Chemical Dept, Moscow State Univ.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

MASTRYUKOV, V. S.; VILKOV, L. V.; AKISHIN, P. A.

"Electron-diffraction study of some organoelement compounds."
report submitted for 6th Gen Assembly, Intl Union of Crystallography, Rome,
9 Sep 63.

Chemical Dept, Moscow State Univ.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

ZASORIN, Ye. Z.; RAMBIDI, N. G.; AKISHIN, P. A.

"Electron-diffraction study of gaseous molybdenum trioxide."

report submitted for 6th Gen Assembly, Intl Union of Crystallography, Rome,
9 Sept 63.

Chemical Dept, Moscow State Univ.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

ZASORIN, Ye.Z.; RAMBIDI, N.G.; AKISHIN, P.A.

Electron diffraction study of the structure of molecules of iron
(III) chloride in vapors. Zhur.strukt.khim. 4 no.6:910-912
N-D '63. (MIRA 17:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

L 13702-63

EWT(1)/EDS AFFTC/ASD

ACCESSION NR: AP3003519

S/0020/63/151/001/0136/0139

52

AUTHORS: Sidorov, L. N.; Akishin, P. A.

TITLE: Mass-spectrometric method for determining the partial pressures of steam
and relative cross-sections of ionization of molecules by full vaporization isotherm

SOURCE: AN SSSR. Doklady*, v. 151, no. 1, 1963, 136-139

TOPIC TAGS: mass spectrometry, partial pressure of steam, molecular ionization,
vaporization isothermABSTRACT: The mass-spectrometric method establishes which molecules exist in the
gaseous phase and determines the relative cross-sections of ionization and partial
pressures of steam on many-component systems. The paper was presented by Academi-
cian P. A. Rebinder on 4 March 1963. Orig. art. has: 7 formulas and 1 figure.ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow
State University)

SUBMITTED: 28Feb63

DATE ACQ: 30Jul63

ENCL: 00

SUB CODE: CH, PH

NO REF Sov: 004

OTHER: 001

Card 1/1

VIIKOV, L.V.; MASTRYUKOV, V.S.; AKISHIN, P.A.

Electron diffraction study of the structure of the vinyltrichlorosilane molecule. Zhur.strukt.khim. 5 no. 2:183-187 Mr-Ap '64.
(MIR 17:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lenonosova.

KHODCHENKOV, A.N.; SPIRIDONOV, V.P.; AKISHIN, P.A.

Analytic approximation of the atomic factors for electron
scattering. Kristallografiia 9 no.4:546-548 Jl-Ag '64.
(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

ACCESSION NR: AP4011447

S/0076/64/038/001/0146/0150

AUTHORS: Sidorov, L. N. (Moscow); Akishin, P. A. (Moscow); Belousov, V. I. (Moscow); Shol'ts, V. B. (Moscow)

TITLE: Mass spectrometric study of the thermodynamic properties of the NaF-ZrF₄ system (Section 1)

SOURCE: Zhurnal fiz.khim., v. 38, no. 1, 1964, 146-150

TOPIC TAGS: complex fluorides, sodium fluoride, zirconium fluoride, fluoride mass spectrometry, NaF-ZrF₄ system

ABSTRACT: This work was prompted by earlier indications that complex fluorides of alkali and polyvalent metals exist in their gas phases. Inconsistency of the vapor pressure method with other methods induced the authors to undertake a mass spectrometric investigation with the aid of a MS-4 instrument. As a result of observations and extensive mathematical derivations, curves of ionic currents were plotted and equations derived for the dependence of NaF monomer, dimer and trimer vapor pressure on temperature. In saturated vapor of the NaF-ZrF₄ system at 877°C, a NaZrF₅ molecule was found which upon ionization

Card 1/2

ACCESSION NR: AP4011447

produces a Na^+ ion. Orig. art. has: 1 Figure, 12 Formulas, 3 Tables.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 16Apr63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: CH

NR REF Sov: 006

OTHER: 011

Card 2/2

VILKOV, L.V.; MASTRYUKOV, V.S.; AKISHIN, P.A.

Electron diffraction study of the phenyltrichlorosilane molecule.
(MIRA 18:4)
Zhur. strukt. khim. 5 no.6:906-908 N-D '64.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SILOROV, L.N.; AKISHIN, P.A.; BELOUSOV, V.I.; SHCHITS, V.B.

Mass spectrometric study of the thermodynamic properties of the
NaF - ZrF₄ system. Part 2. Zhur. fiz. khim. 38 no. 5:1173-1181
My '64. (NIRA 18:12)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
Submitted May 24, 1963.

VILKOV, L.V.; AKISHIN, P.A.; SALOVA, G.Ye.

Electron diffraction study of the molecular structure of triethyl
phosphite and trivinyl phosphite in vapors. Zhur. struk. khim. 6
no.3:355-360 My-Je '65. (MIRA 18:8)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

AKOL'ZIN, P.A., doktor tekhn.nauk; MIKHYALOVA, N.M., inzh.

Use of hydrazine in electric power stations. Teploenergetika 12
no.10:13-18 0 '65. (MIRA 18:10)

1. Vsesoyuznyy teplotekhnicheskiy institut.

P1-4/Pc-4/Pr-4/Ps-4/

44-12-0449

115. Electron diffraction

V. S. Akishin, M. A. Smirnov

115. Electron diffraction study of the structure of the vapor phase

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 3, 1968, 447-449

TOPIC TAGS: organoboron compound, carborane, electron diffraction

ABSTRACT. An attempt was made to refine the configuration of $B_{10}C_2H_{12}$ in the vapor phase by electron diffraction. The radial distribution $f(r)$ were calculated from the experimental curves and an experimental curve of the radial distribution $f(r)$ were calculated from the experimental curves and an experimental curve of the radial distribution $f(r)$. Because of the complex nature of the molecule, it was not possible to obtain a definite answer.

115. Electron diffraction study of the structure of the vapor phase

V. S. Akishin, M. A. Smirnov

Card 1/2

L 65619-65

ACCESSION NO: AP5016917

the average length of the bond $r(B-B)_{av} = 1.76 \pm 0.01$ Å, rotation of pyramids of boron
and the bond length $r(B-C) = 1.77 \pm 0.05$ Å is compared to the $r(B-C) = 1.71$ Å in decaborane, and
also the $r(C-C) = 1.57 \pm 0.05$ Å is compared to the $r(C-C) = 1.55$ Å in decaborane. The article
included a study of the structure of the dimethylcarborane molecule $B_2H_5C_2$. The bond length $r(B-C) =$
the structure of the carbon skeleton was found with the help of X-ray diffraction.
 1.70 ± 0.1 Å. Orig. art. has 2 figures and 1 table.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow
State University)

PUBLI. ORG.

SERIAL CODE: OC, NP

SEARCHED

Card 2/2

SPIRIDENOV, V.P.; KHODCHENKOV, A.N.; AKHIEZER, I.A.

Electron diffraction examination of the molecular structure of
sodium and potassium chromates in vapors. Zhur. strukt. khim.
(NIRA 1961)
6 no. 48634 Jl-Ag '65

1. Moskovskiy gosudarstvennyy universitet imeni M.V. lomonosova.
Submitted February 17, 1965.

SPIRIDONOV, V.P.; KHODCHENKOV, A.N.; AKISHIN, P.A.

Electron diffraction study of the structure of a cesium sulfate
molecule in vapors. Zhur. strukt. khim. 6 no. 4:633-634 Jl-Ag
(MIRA 19:1)
1965

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Submitted February 17, 1965.

KHODCHENKOV, A.N.; SPIRIDONOV, V.P.; AKISHIN, P.A.

Electron diffraction study of the structure of lithium and
scodium nitrate molecules in the vapor state. Zhur.strukt.khim.
(MIRA 18:12)
6 no.5:765-766 S-0 '65.

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Submitted February 17, 1965.

SPIRIDONOV, V.P.; KHODCHENKOV, A.N.; AKISHIN, P.A.

Electron diffraction examination of the structure of α potassium
perhenate molecule in the vapor phase. Vest. Mosk. un. Ser. 2:
Khim. 20 no.6:34-35 N-D '65. (MIRA 19:1)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta. Submitted
May 13, 1965.

SIDOROV, L.N.; AKISHIN, P.A.; SHOL'TS, V.B.; KORENEV, Yu.M.

Mass spectrometric study of the thermodynamic properties of
the NaF - ZrF₄ system. Part 3. Zhur. fiz. khim. 39 no. 9;
2150-2156 S '65. (MIRA 13:10)

1. Khimicheskiy fakul'tet, Moskovskiy gosudarstvennyy uni-
versitet imeni M.V. Lomonosova.

L 39767-66 ENT(m)/EWP(t)/ETI IJP(c) WW/JD/JG/GD-2
ACC NR: AP6013822

SOURCE CODE: UR/0189/65/000/006/0034/0035

AUTHOR: Spiridonov, V. P.; Khodchenkov, A. N.; Akishin, P. A.

ORG: Chair of Physical Chemistry, Moscow State University (Kafedra fizicheskoy khimi, Moskovskiy gosudarstvennyy universitet)

TITLE: Electron diffraction study of the structure of the potassium perrhenate molecule in vapors

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1965, 34-35

TOPIC TAGS: electron diffraction analysis, potassium compound, rhenium compound, molecular structure, photometric analysis
ABSTRACT: The structure of the potassium perrhenate molecule $KReO_4$ in the vapor state was studied with the electron diffraction camera used at MGU for investigating compounds of low volatility. The substance was vaporized off a molybdenum and a nickel ampoule, the vapor being emitted along the direction of the electron beam at a temperature of 800-900°C. The electron diffraction patterns were read by visual and photometric evaluation of the electron scattering intensity, using radial distribution and successive approximation methods. The radial distribution curve had peaks at r values of 1.75, 2.20 and 2.75 Å, which were readily interpreted as the distances $Re=0$, K-O, and the composition of distances between unbound oxygen atoms, respectively. The final configuration of $KReO_4$ was determined by the successive approximation method.

UDC: 539.19 + 541.57

Card 1/2

L 39767-66

ACC NR: AP6013822

The ReO_4 group was found to form a tetrahedron with the oxygen atoms at the vertices and the Re atom at the center; the Re atom forming one single and three double bonds with the oxygen atoms. The K atom is located in a plane passing through one of the edges of the tetrahedron, and is projected on the line of intersection of this plane with the basal plane. The following values of internuclear distances and angles were obtained: $r(\text{Re}=0) = 1.75 \text{ \AA}$; $r(\text{Re}-\text{O}) = 1.95 \text{ \AA}$; $r(\text{K}-\text{O}) = 2.20 \text{ \AA}$; $\text{O-Re=O} = 95^\circ$; $\text{K-O-Re} = 105^\circ$.

SUB CODE: 07/

SUBM DATE: 13May65/

ORIG REF: 001/

OTH REF: 001

Card 2/2 A/S

L 39886-66 EWT(1)/EWT(2) IJP(c) AT/M1/IN/GN-2
ACC NR: AP6016884

SOURCE CODE: UR/0192/65/006/005/0765/0766

AUTHOR: Khodchenkov, A. N.; Spiridonov, V. P.; Akishin, P. A.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Electron-diffraction study of the structure of lithium nitrate and sodium nitrate molecules in the vapor state

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 5, 1965, 765-766.

TOPIC TAGS: electron diffraction analysis, sodium nitrate, nitrate, lithium compound, electron beam, camera, photography

ABSTRACT: Results of an electron-diffraction study of the vapor state of lithium nitrate and sodium nitrate are presented. The experiments were carried out on the MGU high-temperature electron-diffraction camera. Purchased preparations of lithium nitrate and sodium nitrate, classified as "analytically pure," were used in the investigation. Photographs of the electron-diffraction patterns of vapors of these compounds were made from a platinum ampule with release of vapor along the direction of the electron beam at a temperature of 450-500°C. Seventeen series of electron-diffraction patterns were obtained from the vapors of these compounds, using a rotating sector on diapositive film, coated with

UDC: 539.27

Card 1/2

L 39888-66

ACC NR: AP6016884

a thin layer of black India ink, mixed directly before development. The wavelength of electrons in different series ranges from 0.0473 to 0.0592 AU. The following results were obtained:
 $r(N=0) = 1.22$ AU; $r(Li - O) = 1.40$ AU; $\angle O=N=O = 134^\circ$; $\angle MON = 105^\circ$
(these parameters are the same for both molecules within the limits of experimental error) $r(Li - O) = 1.60$ AU; and
 $r(Na - O) = 1.90$ AU. Both NO_2 groups are planar. [JPRS]

SUB CODE: 20, 07, 14 / SUBM DATE: 17Feb65 / ORIG REF: 002 / OTH REF: 006

Card 2/2 HLS

AKISHIN, S.M.; KORENTSVIT, Ye.S.

Industrialization of heat insulation operations. Stroi.pred.neft.
(MIRA 10:1)
prom.l no.9:22-23 N '56.

1. Instruktor Byuro tekhnicheskly pomoshchi, Moskva (for Akishin).
2. Starshiy inzhener Byuro tekhnicheskoy pomoshchi, Moskva (for
Korentsvit).
(Insulation (Heat))

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKISHINA, G. S.

"Sterilization of the Root Canal in the Treatment of Chronic Apical Periodontitis
With Sativine," Stomatologiya, No.1, 1952

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKINSHINA, G.T.

Cultivation of Toxoplasma in tissue cultures. Med. paraz. i
paraz. bol. 32 no.3:344-346 My-Je'63 (MIRA 17:3)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

ZASUKHIN, D. N.; AKIN'SHINA, G. T.

"Biologia e struttura del toxoplasma."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst Epidemiology & Microbiology im Gamaleya, Malija Shinskaya 13, Moscow.

Inst Epidemiology & Microbiology im Gamaleya, Malija Shinskaya 13, Moscow.

AKINSHINA, G.T.

Use of different cell types for cultivating *Toxoplasma gondii*.
Biul. eksp. biol. i med. 56 no. 12:69-72 D '62.

(MIRA 17:11)

1. Iz laboratorii toxoplazmoza, otdela prirodnocchagovykh
bolezney Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR, Moskva.

AKISHINA, N.A.

Effect of different forms of sleep on the sugar content of the blood.
Sbor. nauch. trud. Ukr. nauch.-issl. inst. eksper. endok. 15:246-251
(MIRA 14:11)

'59.

(SLEEP)

(BLOOD SUGAR)

AKISHINA, N. I. Cand Med Sci -- (diss) "Effect of various types of sleep upon the sugar content of the blood (Physiological and morphological data)." Khar'kov, 1959. 13 pp (Khar'kov State Med Inst), 200 copies (KL, 50-59, 129)

KAPLAN, P.M.; AKISHINA, N.I.; TURUBINER, N.M.

Effect of spleen transplantation on the concentration of calcium
in the blood serum. Fiziol. zhur. 46 no.12:1497-1501 D '60.
(MIRA 14:1)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(SPLEEN—TRANSPLANTATION) (CALCIUM IN THE BODY)
(BLOOD PLASMA)

SUKHOVII, F.I.; AKISHINA, N.I.; KARLINER, S.Ya.

Chronaxy of neuromuscular apparatus in alloxan diabetes. Vopr.
fiziolog. no.8:142-149 '54. (MIRA 14:1)

1. Ukrainskiy institut eksperimental'noy endokrinologii.
(DIABETES, experimental,
chronaxy of nerve-musc. prep. in)
(NERVE-MUSCLE PREPARATION,
chronaxy in alloxan diabetes)

AKISHINA, N.I.; MARKOVA, Ye.V.

State of the electric activity of the brain during various influences on the thyroid gland. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:155-165 '64.
(MIRA 18:7)

1. Iz ottdela elektrofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii.

AKISHINA, N.I.; SHIFMAN, L.M.; LIBMAN, N.M.

Use of reserpine and aminazine in a pathological climacteric in women.
Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:369-378 '64.
(MIRA 18:7)

1. Iz klinicheskogo otdela i otdela elektrofiziologii Ukrainskogo
instituta eksperimental'noy endokrinologii i Khar'kovskogo gerodskogo
protivozobnogo dispansera.

USSR / Human and Animal Morphology (Normal and Pathological).
Muscles.

S

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2993

Author : Yelizarovskiy, S. I.; Akishina, N. N.; Goryainova, P. N.
Inst : Arkhangelsk Medical Institute
Title : Variations in Points of Insertion of Calf Muscles

Orig Pub : Sb. tr. Arkhang. med. in-t, 1957, vyp 17, 121-129

Abstract : Data on general characteristics and structure of calf muscles and their origin from the skeleton are given on the basis of studies conducted on 26 right and 24 left legs, 15 of which belonged to female and 35 to male cadavers. The description is given for the anterior lateral and posterior groups of muscles. Remarks are made on individual variation of the surfaces of insertion of the muscles.

Card 1/1

54

AKYSHINA, N.N.

YELIZAROVSKIY, S.I. (Arkhangel'sk, Vologodskaya ul. d.24, kv.1), AKYSHINA, N.N.
GORYAINOVA, P.N.

Variations of areas of attachment of the shin muscles. Arkh.anat.
gist. i embr. 35 no.3:83-84 My-Je '58 (MIRA 11:7)

1. Kafedra operativnoy khirurgii Arkhangel'skogo meditsinskogo
instituta.

(LEG, musc. & tendons
variations of areas of attachment (Rus))

DYATLOVA, V. P., kand. tekhn. nauk; GRYZLOVA, P. G., inzh. STOLYAR, N. M.,
inzh.; AKISHINA, R. I., tekhnik; ZIL'BERSHTEYN, K. Ya., tekhnik

Use of indene-coumarone resins in adhesive compositions for
finishing polymer materials. Sbor. trud. VNIINSM no. 5:75-81
'61. (MIRA 15:10)

(Resins, Synthetic) (Adhesives)

S/812/61/000/005/004/005

AUTHORS: Dyatlova, V. P., Candidate of Technical Sciences, Gryzlova, P. G.,
Stolyar, N. M., Engineers, Akishina, R. I., Zil'bershteyn, K. Ya.,
Technicians.

TITLE: Application of indene-coumarone resins in adhesive compounds for
polymer surface coverings.

SOURCE: Akademiya stroitel'stva i arkhitektury SSSR. Institut novykh
stroitel'nykh materialov. Sbornik trudov. no. 5. 1961. Novyye
stroitel'nyye polimernyye materialy. pp. 75-81.

TEXT: The paper describes experimental work which establishes the effectiveness of indene-coumarone-resin-(ICR)-based mastics (M) of various types. Unmodified resins yield stiff M suitable for the attachment of polystyrene (PS) facing panels; the strength of the mastic depends on the type of resin employed. ICR-based M modified with chloroprene rubber become elastic and suitable for the gluing of polyvinylchloride (PVC) articles. The ICR polymers under discussion are obtained from the heavy fraction of heavy benzol derived from hard coal. Various ICR's, having differing softening T and color, are obtained, depending on raw material, polymerization, and catalyster. The All-Union Standard GOST 9263-59

Card 1/4

Application of indene-coumarone resins . . .

S/812/61/000/005/004/005

provides for 6 lettered (A through Ye) types graded by softening T and 5 numbered (Roman numerals) "marks" graded by color. Both characteristics are governed by the molecular weight and the composition, which affect their chemical and physico-mechanical properties also (chemical stability, water-resistance, workability, adhesive and dielectric properties). High-T light-colored ICR are less soluble, stronger in compression, harder, and more brittle. Dark ICR are soluble in white spirit and are more elastic but mechanically less strong. Antecedent uses of ICR and ICR mastics are summarized. In 1958-1960 the Institute of New Building Materials undertook a project for the development of ICR mastic in "pure" and modified form for the attachment of polymer surface coverings. Mastics for polystyrene panels: These M are based on the principle of "like sticks to like." PS and ICR are chemically similar, their monomers are homologs, both are non-polar and have several solvents in common. The following M was developed for adhesion of PS panels to a cement-sand underflooring (in parts of weight): ICR 1, petroleum solvent 0.6, dibutylphthalate 0.4, pulverized lime 5. The ICR is dissolved in the petroleum with addition of the plastifier; the liquid M components are then mixed with the lime filler. Tests show that M which maintain adhesion strength (0.5 kg/cm^2 in spalling tension) without loss due to humidity and high T can be made from ICR having an elevated softening T. The hardness of the adhesive layer when dry does not affect its adhesiveness unfavorably.

Card 2/4

Application of indene-coumarone resins ...

S/812/61/000/005/004/005

Mastics for PVC linoleum and tiles without backing: The Institute experimented with ICR's modified by a relatively small quantity of chloroprene rubber (neoprene) and special rolling procedures for the mixture of ICR, rubber, and kaolin. The essence of the mechanical treatment appears to be the destruction of the polymer chains and the formation of free radicals which afford new, previously nonexisting, properties, such as adhesiveness relative to polar materials and elasticity, both of which are essential in the gluing of PVC materials. The proposed M contains (in weight percent): ICR 20, neoprene 5, solvent (ethylacetate: gasoline - 2:1) 30, plastifier 5, filler 40. The ICR and the kaolin are mixed with neoprene on rolls, whereupon the mass obtained is dissolved in a mixture of the volatile organic solvents and the plastifier. The shear strength of the M obtained was found to depend strongly on the type of ICR used with a given rubber content. M with high-T ICR, for example, affords achievement of a shear strength of 5 kg/cm² after only 24 hrs setting time. Tricresylphosphate and dibutylphthalate were the most effective plastifiers (comparison tabulated). The indispensability of the use of volatile organic solvents (e.g., ethylacetate and gasoline) to improve the setting of the adhesive is explained. An increase in neoprene content reduces the shear strength. A test batch of coumarone-rubber M was produced by the Mytishchi Kombinat of Synthetic Building Materials and Products and was tested on building projects of Glavmosstroy (at Khoroshevo-Mnevniki, the House-building Kombinat

Card 3/4

Application of indene-coumarone resins ...

S/812/61/000/005/004/005

no.69, et al.), with favorable results. Comparative adhesion (shear) strength data are graphed for the subject M versus other M commonly employed in the building trades. There are 3 figures, 1 table, and 4 Russian-language Soviet references.

ASSOCIATION: None given.

Card 4/4

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

DYATLOVA, V.P.; POMANSKAYA, M.P.; AKISHINA, R.I.

Devices for determining adhesive strength. Zav.lab. 29 no.11:1375
'63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

ZAYTSEVA, A.; AKISHINA, V.

Determination of the sensitivity of Listeria to antibiotics
by the method of paper disks. Trudy Tom NIIVS 12:88-90 '60
(MIRA 16:11)

1. Nauchnyy studencheskiy kruzhok pri kafedre mikrobiologii
Tomskogo meditsinskogo instituta.

*

BOL'SHAKOV, A., dotsent; PUGACHEV, P.; AKISHINA, Ye.

Physicomechanical requirements for artificial sausage casings.
Mias.ind. SSSR 34 no.3:52-55 '63. (MIRA 16:7)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy pro-myshlennosti.

1. AKISHKIN, A. I.
 2. USSR (600)
 4. Wormwood
 7. Wormwood as an agent in controlling bee theft. Pchelovodstvo 30, No. 5, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKISNAMOR, A. A. (Veterinary Doctor and ROMANENKO, A., Letkov Veterinary Section, Kiev Oblast').

"Therapeutic use of tricillin."...

Veterinariya, vol. 39, no. 8, August 1962 pp. 52

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

ZAL'TS'MRG, Leyb Aronovich; AKIT, Robert Petrovich; VOL'FSNIKOV, V.G., spets-
red.; RODIN, Ye.D., spetsred.; PETIN, M.I., red. izd-va; TIKHONOVА,
Ye.A., tekhn. red.

[Ship handling; study manual for seamen] Sudovozhdenie; uchebnoe
posobie dlja matrosov. Moskva, Izd-vo "Morskoi transport," 1958.
232 p. (MIRA 11:10)

(Navigation) (Ships)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

Is a copy of deformation of a broken base or a piece of debris?

F

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

124-57-1-1064

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 148 (USSR)

AUTHOR: Akivenson, M. Yu.

TITLE: The Stability of the Plane Form of Deflection of a Hinged Beam
With Elements Intersecting at an Arbitrary Angle (Ustoychivost'
ploskoy formy izgiba lomanogo sterzhnya s elementami,
pereskayushchimisyu pod proizvol'nym uglem)

PERIODICAL: Nauch. zap. Odessk. politekhn. in-ta, 1956, pp 111-114

ABSTRACT: Bibliographic entry

1. Beams--Stability--Bibliography

Card 1/1

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKIVENSON, M.Yu.

Stability of flat frames. Nauch. Zap. Od. politekh. inst. 14:69-79 '59.
(MIRA 14:3)
(Structural frames)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKIVENSON, M.Yu.

Stability of an N-strut. Nauch.zap.Od.politekh.inst. 14:80-84 '59.
(MIRA 14:3)
(Struts(Engineering))

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

L 47166-66 EWT(m)/EWP(w)/T/EWP(t)/ETI/EWP(k) JD

ACC NR: AR6000438

SOURCE CODE: UR/0137/65/000/009/D038/D038

AUTHORS: Babenko, A. F.; Akivenson, M. Yu.; Shikurovskiy, V. P.

29

B

TITLE: Experimental investigation of the mechanical properties of wire cables
at low temperatures. Preliminary report

SOURCE: Ref. zh. Metallurgiya, Abs. 9D260

REF SOURCE: Sb. Stal'n. kanaty, No. 1. Kiyev, Tekhnika, 1964, 298-301

TOPIC TAGS: wire, metal test, metal stress, wire product

ABSTRACT: A description of the experiments and experimental installation is presented. Analysis of the experimental results leads to the following conclusions: 1. Tests of specimens in liquid nitrogen point to an increase in the limits of proportionality and strength by 8.3 and 10.3% respectively. 2. Wire cables having a certain plasticity at normal temperatures retain a notable plasticity when cooled to -196°C. 3. The characteristics of rupture of the specimens are typical of brittle rupture; the surface of the break had a bright coarse-crystalline appearance under the microscope. 4. The brittle rupture character

UDC: 621.771.42.001

Card 1/2

AKIVIS, A.A.

TYUFILINA, O.V.; LEBEDEV, B.M.; GUREVICH, S.I.; ZISERMAN, V.Ye.; AKIVIS,
A.A.; RAYGORODSKAYA, M.M.

A two-percent thallium plaster for treating mycoses of the scalp.
Vest.derm. i ven. 31 no.4:55 Jl-Ag '57. (MIRA 10:11)

1. Iz mikologicheskogo otdela TSentral'nogo kozhno-venerologicheskogo
instituta Ministerstva zdravookhraneniya, Moskovskogo mikologiches-
kogo dispansera, Moskovskogo gorodskogo vendispansera i mikologi-
cheskogo kabineta Zhdanovskogo rayona Moskvy.
(THALLIUM) (SCALP--DISEASES)

AKIVIS

Activity of halogens in composite halo esters. B. V. Troxow, A. L. AKIVIS AND V. N. Oulova. *J. Russ. Phys.-Chem. Soc.* 61, 343-51 (1929). — The reactivity of halogens in halo esters was detd. by the speed of their reaction with C_6H_5N , C_6H_5N and $MeONa$. In all 19 esters were tested, such as CH_3ClCO_2Et , CH_3BrCO_2Et , Me_2CO , $CBrCO_2Et$, $MeCCl(CO_2Et)$, $CH_3BrCOCHMeCO_2Et$, etc. The reacting components were used in equimol. amts. at 18-20°, the amt. of halogen that had reacted at any given time was detd. either volumetrically or gravimetrically, and the results tabulated. Br proved to be hundreds of times more reactive than Cl. With the increase of the no. of halogens in a mol. the activity of the former decreases. As regards the influence of the position of a halogen, Br attached to α -C is split off 8 times as rapidly as the one attached to β -C, and 10-12 times as rapidly as the one attached to γ -C. The halogen in a ketone is more reactive with amines than that in an ester. Pyridine reacts 4.3 to 27 times as quickly as quinoline, while $MeONa$ is here more reactive than C_6H_5N .

CHAS. BLANC

SOV/124-58-1-1456

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 178 (USSR)

AUTHORS: Loyye, N. V., Akivis, A. I.

TITLE: Testing Methods for Bookbinding Fabrics (Metody ispytaniy
perepletnykh tkaney)

PERIODICAL: Sb. nauch. rabot. Vses. n.-i. in-t poligr. prom-sti i tekhn.,
1956, Nr 7, pp 132-153

ABSTRACT: Development and verification of methods for the determination of the curling of bookbinding calico and a paper-base leatherette and the residual (linear) deformation of the calico. It is established that the curling of calico due to one-sided application of glue increases by 25% when the amount of air-dried gelatin glue changes from 42 to 28 g/m² and is proportional to an increase of the temperature of the dissolved glue from 20° to 45°; in comparison with the curling caused by water, the curling due to a 10% casein glue is 64% less, that due to a 40% gelatin glue is 78% less, and that due to a 50% dextrin glue is 83%. The indicators of the residual deformation (shrinkage) of calico in a transverse direction, obtained after 10 min wetting, concur fully with its production behavior during the making

Card 1/2

SOV/124-58-1-1456

Testing Methods for Bookbinding Fabrics

of binding covers, showing that a shrinkage in excess of 3% gravely impairs the productivity of labor on account of the curling of the calico.

I. Yu. Sheydeman

Card 2/2

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKIVIS, D.R., inzh.; IVANOV-EMIN, Ye.B., inzh.; MOSKVIN, P.P., inzh.

Checking the pressing speed. Mekh. i avtom. proizv 18
no.4:37-39 Ap'64. (MIRA 17:5)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

L 21130-65 EWT(a)/EWT(b)/EWP(t)/EWP(h)/EWP(b)/EWP(l) JD

ACCESSION NR. AF404765-2

S. 2012-1 - 2012/2013

¹ See also the discussion of the relationship between the state and the market in Chapter 1.

1200-1600 m.s.n.m. - 1990

TABLE I. Effect of speed of pressure change on the rate of crystallization

SOURCE: Liteynoye proizvodstvo, no. 10, 1964, p. 15.

TOPIC TAGS: pressure casting, casting speed, quality, casting, automatic casting speed recording, metal flow

ABSTRACT: The speed of the metal flow in the machines for pressure casting has a decisive effect on the quality of casting. It is essential to be able to correlate the speed with the resulting quality. The authors have developed an apparatus to measure the velocity of the casting plunger. The latter is driven at a constant angular velocity by an electric motor. The velocity of the plunger is measured by means of an electromagnetic apparatus which is mechanically coupled to the plunger. The signals from this apparatus are recorded on an automatic recorder and give a true picture of the

Card i/2

L 24190-65

ACCESSION NR: AP4047652

6

velocity of the plunger in all parts of the stroke. Experiments with this arrangement lead to recommendations for the best speed of pressure casting which depends on the type of casting desired. Orig. art has 10 figures

ASSOCIA TION - None

SUBMITT ED: 00

ENCL. 20

Card 2/3

Akivis, M. A. Pairs of T-complexes. Doklady Akad. Nauk SSSR (N.S.) 61, 181-184 (1948). (Russian)

The purpose of this paper is to introduce the concept of T-pairs of congruences analogous to i -pairs of congruences due to S. P. Finikov. This is done by using the concept of

the following: there exists a pencil of two quadrice (say in what Koenig called one of the sets of generators of a ruled quadric) each of which intersects harmonically both congruences. Then he defines in an analogous way T-pairs of complexes. In the (Plucker) five-dimensional interpre-

RECORDED - INDEXED - FILED - SERIALIZED - REVIEWED

Aleksandr M. Avezov
pair of T -complexes under a Plücker transformation.

Doklady Akademii Nauk SSSR, 1948, 61, 181-184.

(Russian)

Continuation of a previous paper [same Doklady 61, 181-184 (1948); these Rev. 10, 400]. A pair of T -complexes is embeddable in a five-dimensional projective space and by means of a Plücker quadric a three-dimensional surface S is associated with them.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

SSR/Mathematics - Hypersurfaces,
Invariant

Jul/Aug 52

"Invariant Construction of the Geometry of Hyper-
surfaces of a Conformal Space," M.A. Akivis, Moscow
"Matemat Sbor" Vol XXXI (73), No 1, pp 43-75

A new invariant analytical method of differential-
geometric investigations of embedded manifolds was
developed by G.F. Laptev in 3 works (1949-1950),
which method can be applied to investigations of
manifolds in differential-geometric spaces with
arbitrary generating element. In current article

Laptev's method is used to study subject geometry.
permitting one to construct the foundations of in-
variant theory of hypersurfaces and to obtain new
geometric results. The method relies on the general
theory of representations of finite Lie groups.

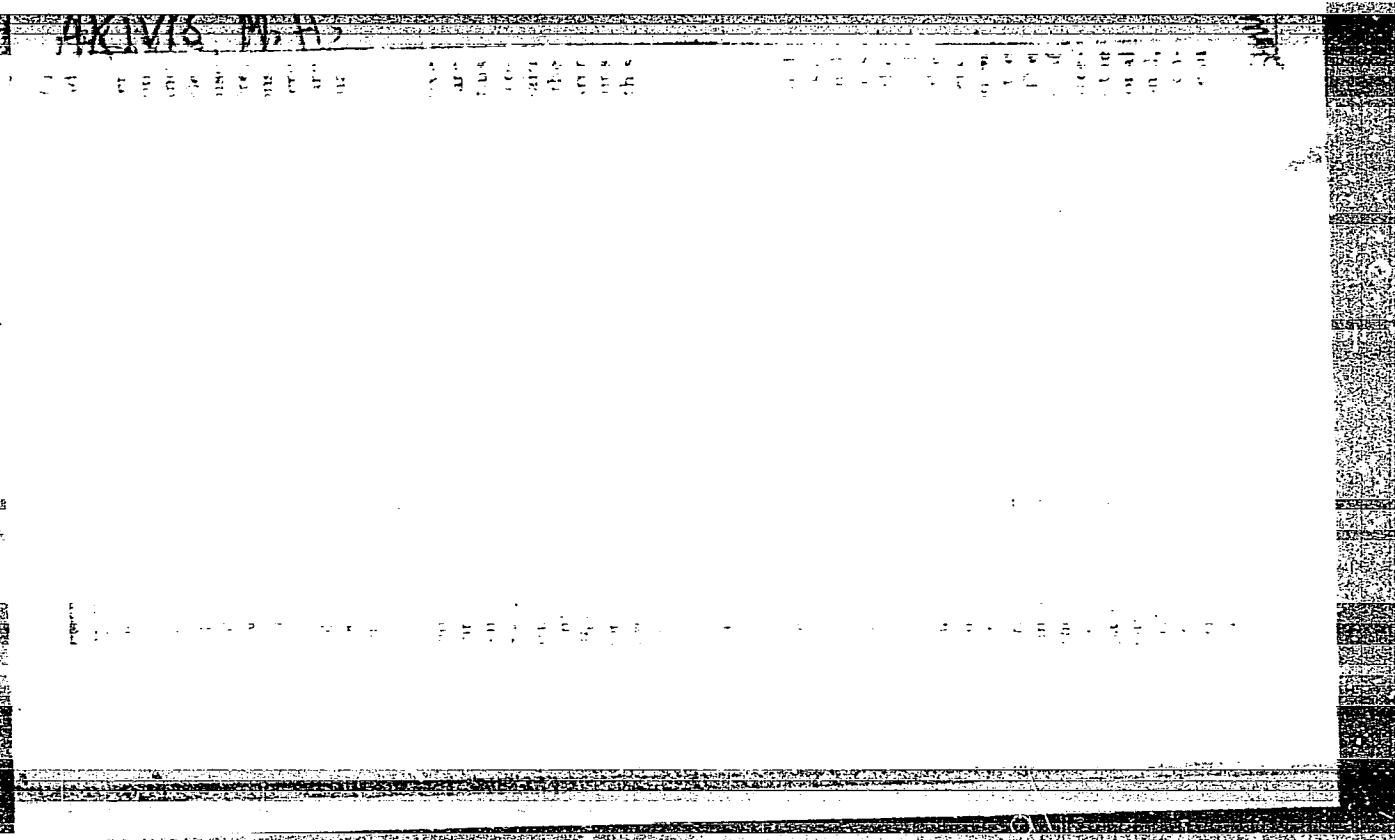
Submitted 8 Jan 52

AKIVIS, M. A.

220774

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7



APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

AKIVIS, M.A.

Focal forms of a rank-r surface. Izv.vys.ucheb.zav.: mat. no.1:
9-19 '57. (MIRA 12:10)

1. Tul'skiy mekhanicheskiy institut.
(Surfaces)

AKIVIS, M.A., Cand Phys Math Sci -- (diss) "Pairs
of T complexes." Mos, 1958, 11 pp (Mos City Pedagogical
Inst im V.P. Potemkin) 150 copies. Bibliography: pp 10-11
(18 titles) (KL, 50-58, 119)

- 3 -

AUTHOR: Akivis, M.A. (Moscow) SOV/39-46-4-3/6
TITLE: Projective-Metrical Theory of the Pairs T of Complexes
(Proyektivno-metricheskaya teoriya par T kompleksov)
PERIODICAL: Matematicheskiy sbornik, 1958, Vol 46, Nr 4, pp 399-420 (USSR)
ABSTRACT: A "pair T of complexes" is a pair of complexes between the rays of which there exists a biunique correspondence so that to every pair of corresponding rays there corresponds a demiquadric cutting harmonically both complexes along these rays. This notion was given by the author [Ref 1] some years ago, where at the same time he asserted that to every such pair, in a certain sense, there corresponds a three-dimensional surface S. In the present paper the author uses these relations, especially a configuration consisting of a focal family of rays and a surface, in order to investigate further properties of the pairs T of complexes. The author finds a great number of properties; there result many generalizations of older well-known facts. The author uses the metrical methods of the projective geometry according to B.A.Rozental' [Ref 2] and the methods of Cartan [Ref 3]. The formulated assertions partly are already announced (see author [Ref 12]).

Card 1/2

Projective-Metrical Theory of the Pairs T of
Complexes

SOV/39-46-4-3/6

There are 15 references, 11 of which are Soviet, 2 American,
and 2 German.

SUBMITTED: April 17, 1957

Card 2/2

BLASCHKE, Wilhelm, (1885-); AKIVIS, M.A. [translator]; YAGLOM, I.M.,
red.

[Introduction to the geometry of webs] Vvedenie v geometriiu tkanei.
Pod red. I.M.Yagloma. Moskva, Gos. izd-vo fiziko-matem. lit-ry,
1959. 144 p. Translated from the German. (MIRA 14:11)
(Geometry, Differential)

AKIVIS, M.A. (Moskva)

Conformal and differential geometry of multidimensional surfaces.
Mat. sbor. 53 no. 1:53-72 Ja '61. (MIRA 14:2)
(Geometry, Differential)

AKIVIS, M.A.

Multidimensional surfaces bearing a net of conjugate lines.
Dokl. AN SSSR 139 no.6:1279-1282 Ag '61. (MIRA 14:8)

1. Moskovskiy institut stali im. I.V. Stalina. Predstavлено
академиком P.S. Aleksandrovym.
(Vector analysis)
(Surfaces)

AKIVIS, M.A. (Moskva)

Voss' normals of a surface carrying a net of conjugate lines.
Mat. sbor. 58 no.2:695-705 0 '62. (MIRA 15:9)
(Surfaces) (Forms (Mathematics))

AKIVIS, M.A.

A class of tangentially degenerated surfaces. Dokl. AN SSSR 146 no.3:
515-518 S '62. (MIRA 15:10)

1. Moskovskiy institut stali i splavov. Predstavлено академиком
P.S.Aleksandrovym.

(Surfaces)

AKIVIS, M.A.

Transformations of surfaces by means of a finite set of rays.
Izv.vys.ucheb.sav.; mat. no.6:3-13 '62. (MIRA 15:12)

1. Moskovskiy institut stali i splavov.
(Surfaces) (Laplace transformation)

AKIVIS, M.A.

Structure of n-dimensional surfaces carrying a net of lines of curvature. Dokl. AN SSSR 149 no.6:1247-1249 Ap '63. (MIRA 16:7)

1. Moskovskiy institut stali i splavov. Predstavлено akademikom P.S.Novikovym.

(Surfaces)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKIVIS, M.A.

Structure of surfaces carrying a net of conjugate lines. Uch. zap.
MGPI no.208:31-47 '63. (MIRA 1736)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

AKIVIS, M.A.

An invariant differential geometrical characteristic of the
cyclides of Dupin. Usp. mat. nauk 20 no.1:177-180 Ja-F '65.

(MIRA 18:4)

AKIVIS, S.

DELIDOVICH,V., kandidat tekhnicheskikh nauk; AKIVIS,S., kandidat khimicheskikh nauk

Special aspects of millet storage. Muk.-elev.prom.21 no.8:8-10
Jl[Ag] '55. (MIRA 8:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki
(Millet--Storage)

KIVIS, S.

USSR/Cultivated Plants - Grains

M-4

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1517

Author : S. Akivis, W. Delidovich

Inst : All-Union Scientific-Research Institute of Grain and Grain Products

Title : Storing Corn Seed in Winter.

Orig Pub : Mukomol.-elevat. prom-st, 1956, No 10, 3-6

Abstract : The study of corn storage in the VNIIZ [All-Union Scientific Research Institute of Grain and Grain Products] under laboratory production conditions, and in "Zagotzerno" bases of the Ukraine, RSFSR and Moldavia (1955/56), has shown that storage of cobs, not affected by mold fungus, under temperatures of about 15° below zero does not lead to a decrease in grain germination at a humidity up to 19%; at temperatures of -10° and the grain humidity above 19%, germination decreases more sharply, the higher the moisture becomes. The Krasnodarskaya 1/49 and Sterling corn varieties are more resistant to the effects of adverse temperatures and Bessarabka and VIR 42 are less resistant.

Card : 1/1

USSR/Plant Diseases - Diseases of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30208

Author : Akivis, S.I.

Inst : The All-Union Scientific Research Institute of Corn.

Title : Corn Seed Rot Through Latent Mold Fungus.

Orig Pub : Soobshch. i ref. Vses. n.-i. in-t zerna i produktov yogo
pererabotki, 1957, vyp. 3, 14-15.

Abstract : No abstract.

Card 1/1

- 8 -

ACCESSION NR: AP4026852

S/0065/64/000/004/0049/0050

AUTHORS: Akivis, Yu. M.; Kharin, G.N.; Stepanov, A.M.

TITLE: Use of ammonia as neutralizing material in diesel ships
operating on sulfurous fuel

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 4, 1964, 49-50

TOPIC TAGS: diesel fuel, sulfur containing fuel, ammonia, neu-
tralizing agent, wear reduction, deposit formation, internal
combustion engine, scale formation

ABSTRACT: Tests were run to verify a proposal by B.V. Losikov et
al (Avtorskoye svidetel'stvo No. 115811 "Author certificate No.
115811"; khim. i. tekhnol. topliv i masel, No. 2, 1961) for a
method of reducing wear and deposits in engines burning sulfur-
containing fuels by introducing gaseous ammonia into the intake
system of the internal combustion engine. Diesel fuel "L", GOST
305-58, with 0.8-1% sulfur and oil DSP-11, GOST 8581-57, containing
3% of additive TSIATIM-339 were used on test stand engines and on a
300 hp ship engine. In the test engines the general wear of the

Cord 1/2

ACCESSION NR: AP4026852

cylinders without injection of ammonia was two times greater than of those with ammonia. The cylinders of the ship engine showed less (by about 1.6-17 times) wear and less scale formation on the cylinder head and at the bottom of the cylinder when ammonia was used. With ammonia only 1 ring was clogged with coke (compared with 6 when no ammonia was used) and the deposite were light gray (compared to black). Orig. art. haq: 2 tables

ASSOCIATION: Giprorybfot (State Institute for the Design and Planning of Establishments of the Fish Fleet)

SUBMITTED: 00

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: FL

NR REF Sov: 003

OTHER: 000

Card

2/2

AKIVIS, Yu.M.; KHARIN, G.N.; STEPANOV, A.M.

Using ammonia as a neutralizing agent in ship diesels operating
on sulfurous fuel. Khim. i tskh. topl. i masei 9 no. 4:49-51
Ap '64. (MIRA 17:8)

1. Gosudarstvennyy proyektnyy institut rybopromyslovoego flota.

AKIYEV, A.

A Akiyev, A. -- "Tropical Malaria in the Turkmen SSR (The Epidemiology and the Organization of Anti-Malarial Measures)." Turkmen State Medical Inst imeni I. V. Stalin. Ashkhabad, 1956. (Dissertation For the Degree of Candidate in Medical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

AKIYEV, A., K.

USSR/Medicine - Brucellosis
Diagnostics

Nov 50

"Dynamics of Opsonin-Phagocytic Reaction in Brucellosis Cases," A. K. Akiyev, Clinical Sec, Inst Malaria and Med Parasitol, Min of Pubc Health, Turkmen SSR

"Sov Med" No 11, pp 22, 23

Discusses advantages of using subject reaction to determine phase of the disease, and simplify therapy problems. Method for studying reaction, developed by Khedlson, is discussed in some detail. Dir, Inst Malaria and Med Parasitol: Docent G. A. Pravikov.

173767

NIKOLAYEV, N.I., otv. red.; LENSKAYA, G.N., zam. otv. red.; PASTUKHOV,
B.N., zam. otv. red.; FENYUK, B.K., zam. otv. red.; ISHUNINA, T.I.,
red.; AKIYEV, A.K., red.; DOMARADSKIY, I.V., red.; DROZHEVKINA,
M.S., red.; ZHOVTYY, I.F., red.; KOROBKOVA, Ye.I., red.;
KRAMINSKIY, V.A., red.; KRATINOV, A.G., red.; LEVI, M.I., red.;
LOBANOV, V.N., red.; MIRONOV, N.P., red.; PETROV, V.S., red.;
PLANKINA, Z.A., red.; PYPINA, I.M., red.; SMIRNOV, S.M., red.;
TER-VARTANOV, V.N., red.; TIFLOV, V.Ye., red.; FEDOROV, V.N.,
red.; PARNE, Ya.A., red.; PRONINA, N.D., tekhn. red.

[Especially dangerous natural focus infections] Osobo opasnye i
prirodnoochagovye infektsii; sbornik nauchnykh rabot protivo-
chumnykh uchrezhdenii. Moskva, Medgiz, 1962. 271 p.
(MIRA 16:5)

(COMMUNICABLE DISEASES)

NIKOLAYEV, N.I.(Saratov), red.; FENYUK, B.K.(Saratov), red.;
~~AKIYEV, A.K.~~(Saratov), red.; LENSKAYA, G.N., red.;
ISHUNINA, T.I., red.; PARNES, Ya.A., red.

[Epidemiology and epizootiology of especially dangerous
infections] Epidemiologiya i epizootologiya osobo opasnykh
infektsii; sbornik nauchnykh rabot protivochumnykh uch-
rezhdenii. Moskva, Meditsina, 1965. 415 p.
(MIRA 18:4)

AKIYEV, P., inzhener.

On a leading collective farm. Sel'. stroi. 12 no. 8-14 Ag '57.
(MIRA 10:9)

1. Kasum-Izmaylovskaya remstroykontora.
(Azerbaijan--Construction industry)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7

AKIYEV, P., inzh.

Mechanized sheep bath. Sel'. stroi. 17 no.2:10-11 F '63.
(MIRA 16:3)
(Sheep houses and equipment)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100710005-7"

AKIZHANOV, A.

Cooling of a ~~Pieced~~wise Homogeneous Rod. p. 29

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS
(TRUDY Vtoroy RESPUBLIKANSKOY KONFERENCE PO MATEMATIKE I MECHANIKE), 184
pages, published by the Publishing House of the AS KAZAKH SSR, ALMA-ATA, USSR. 1962

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